Vista X3

When image is everything…

If image is everything to you, then Christie's Vista X3 has everything you need. More than 1 billion displayable colors can be re-created to project the most resplendent and striking visuals, courtesy of the very latest in 3-chip DLP™ technology.

A 13-bit user selectable gamma table combines 3000 ANSI lumens of bright light, to deliver pixel perfect color accuracy. The X3 uses a CERMAX® Xenon illumination system to ensure the same color and brightness uniformity is delivered time after time.

The X3 shares a common modular architecture with all the other models in the Vista range. If your projection needs change, your X3 projection system can change to meet them. The X3 can be upgraded at only an incremental cost and deliver stunning true SXGA resolution images at 5000 ANSI lumens.

The X3 is compatible with the widest range of sources and supported by a complete range of both fixed and zoom lenses. And because the X3 has such tremendous lens offset (in both lens directions), the X3 can present all your material to stunning effect for a variety of fixtures and installations.

We would never offer our clients image without substance. The X3 is brimming with features that make for both simple and complete control of your presentations. Furthermore, the X3 offers reliability and serviceability second to none. So the X3 makes your images look great, but makes you look even better.

- Superior image quality
- Auto set-up
- Variable lamp power supply
- LiteLOC™ Light Output Control
- Low sound level
- Color consistency with Xenon Illumination system
- Full HDTV compatibility
- Widest source compatibility covering all resolutions from VGA to UXGA and HDTV
- Various keypads and control options
- Universal AC voltage operation
- Optional lens suite available
- Compatibility with VistaGraphX lenses
- Upgradeable to true SXGA resolution and/or 5000 ANSI lumens brightness

APPLICATIONS

- Boardrooms, executive briefing centers
- Broadcast studios
- Corporate theaters
- Auditoriums, arenas, churches
- Casinos, theme parks and museums

CHRISTIE
Project. Present. Perform.

Vista X3 • Specifications

Brightness
- 3000 ANSI lumens
- 90% brightness uniformity across the screen

Contrast Ratio (1.5-2.2:1 zoom lens)
- 350:1 ANSI, 400:1 full field

Resolution/Digital Processing
- 3 chip 0.9" DMD™, (Digital Micromirror Device) system
- True XGA 1024 x 768 chip resolution
- 13-bit user selectable gamma table
- More than 1 billion displayable colors

Dynamic Scaling
- Resizing capabilities to scale down from 1600x1200 and up from 640x480 to the XGA resolution of DMD™
- Independent horizontal and vertical scaling adjustment for graphics and video inputs

HDTV/DTV Compatibility
- Full HDTV/DTV compatibility on analogue RGB/YPbPr inputs
- Accepts 480i, 480p, 576i, 576p, 720p, 1035i, and 1080i formats at all applicable frame/field rates
- Accepts 1080p at 24, 25 and 30 Hz frame rates
- Optional HDTV Serial Digital Input Module

Various Keypads
- Standard hand-held IR backlit remote keypad, front and rear infrared sensors
- Built-in backlit keypad
- Optional RS422 two-way remote controller with LCD display using 6-pin XLR connector with range of 600ft (183m)
- Optional wired backlit remote keypad with 3-pin XLR connector

Variable Lamp Power Supply/Light Output Control (LiteLOC™)
- "Auto Brightness" mode to maintain constant brightness over time
- "Lamp Conserve" mode to extend the lamp life
- "Max Brightness" mode for maximum light output

Power Requirements
- Line voltage 100V AC to 240 VAC +/- 10% @ 50/60 Hz
- Power consumption: 1150 W maximum
- Thermal dissipation: 3950 BTU/hr
- Operating current: 11.5A maximum (at 100 VAC)

Weight and Size
- 39.9kg (88 lbs)
- 56.6cm W x 76.5cm L x 30.2cm H
- 22.28" W x 30.1" L x 11.88" H

FEATURES

- *Widest source compatibility covering all resolutions from VGA to UXGA and HDTV.*

- *Upgradeable to true SXGA resolution and/or 5000 ANSI lumens.*

- *The X3 features a full, optional lens suite.*

Horizontal Frequency Range
- 15 to 120 kHz

Vertical Frequency Range
- 24 to 120 Hz

Field Interchangeable Optional Lenses
- Fixed short throw lens: 1.2:1
- Zoom lenses: 1.5-2.2:1, 2.2-4:1, and 4-7:1
- Up to 130% of vertical lens offset for off-axis projection
- Up to 80% of horizontal lens offset
- Compatibility with VistaGraphX lenses: 0.8:1, 2.5-4:1, 4-7:1 (adapter required)
- Screen size 1.8m-12.2m (6ft - 40ft) diagonal

Lens Mount
- Manual horizontal and vertical lens offset, focus and zoom adjustments
- "Bayonet-style" lens insertion system
- Lens mount tilt adjustment
- Built-in light shutter

Inputs
- Built-in RGB/YUV/YPbPr inputs allowing separate H and V syncs, composite sync and sync-on-green/luma (5 BNC connectors)
- Multi-standard Video Decoder Module (NTSC 3.58, NTSC 4.43, PAL, PAL 60, PAL M, PAL N, SECAM) with one composite video input (BNC and RCA connectors) and one S-video input (two BNC and 4-pin mini-DIN connectors)
- Built-in Audio Control Module with 4 stereo audio inputs and 1 stereo output (RCA connectors)
- Slot for an optional input module
- Full compatibility with third-party switchers

Control / Networking
- Third party control system and switcher compatibility
- Dual RS232 ports for computer control, with loop through for connection of multiple projectors
- Dual 6-pin XLR RS422 ports for connection of optional LCD two-way controllers and loop-through to multiple projectors up to 600ft (183m)

Diagnostics
- Built-in LCD diagnostic display indicates operational status and error messages
- Power and Status LED
- Full diagnostics through RS232 9-pin D connector

Graphical User Interface
- Auto Set-up feature
- "Direct Access" intuitive user interface for complete projector control in 5 world languages
- On screen user movable menus to fit different image aspect ratios (4:3, 5:4, 16:9, etc.)
- On screen help menus
- 100 channel memories
- Auto power feature

Lamp Specification/Color Temperature
- 700W CERMAX® Xenon illumination system
- Pre-aligned lamp module
- Constant color temperature over the lamp life
- Color temperature adjustment range: 32000K to 93000K
- User replaceable lamp within 5 minutes
- Typical lifetime: 1000 hours

Standard Accessories
- IR remote keypad with batteries
- User manual with warranty card
- 2.44m (8ft) line cord

Optional Accessories
- Serial Digital Input (SMPTE 259M/CCIR 601) with loop-through feature
- Digital HDTV Input module (with loop-through feature) compatible with all known HDTV formats
- DVI/DFP Input module
- 10-bit ADP (Advanced Digital Processing) module
- Wired remote keypad
- Motorized lens mount upgrade
- RS422 two-way remote LCD controller
- Replacement lamp module
- Remote infrared sensor
- Service manual
- Librarian communication software
- Transit case

Regulatory Approvals
- CSA, UL and European safety approvals
- North American and European EMI/EMC approvals

Warranty
- One year parts and labour
- Accessories: One year

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Due to constant research, specifications are subject to change without notice.

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